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STATEMEN	T UNDER 37 CFR 3.73(b)	A.
Applicant/Patent Owner Bavykin, et al.		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Application No./Patent No.: 09/75,654	elled/lasua Data: December 29, 2000	OC 1/1
Entitled: COLUMN DEVICE FOR ISOLATION A	AND LABELING OF NUCLEIC ACIDS _	C /2 10 1
University of Chicago , a	University	OC TOUS STEAMENT SUPPORT (SE)
	(Type of Assignes, e.g., corporation, partnership, university, gove	emment agency () tc.)
states that it is; 1. the assignee of the entire right, title, and interest;	or	
2. an assignee of less than the entire right, title and The extent (by percentage) of its ownership inten in the patent application/patent identified above by virtue.	est is	
A. [k] An assignment from the inventor(s) of the patent in the United States Patent and Trademark Office attached.	application/patent identified above. The assignment at Reel <u>011714</u> , Frame <u>0280</u> , or for which	was recorded a copy thereof is
OR		
B. [] A chain of title from the inventor(s), of the patent a below:		REGEIVED
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[y] Copies of assignments or other documents in the c [NOTE: A separate copy (i.e., the original assignments be submitted to Assignment Division in accordance of the USPTO. See MPEP	ent document or a true copy of the original document rdance with 37 CFR Part 3. If the assignment is to be	1)
The undersigned (whose title is supplied below) is auth	norized to act on behalf of the assignee.	
September 22, 2003	Renee Canden	
Date	Typed or printed pame (
(773) 702-3204		
Telephone number	Asst. UP Strates	Kes Int
	189	

The collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. Including gathering, properling, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Palent and Tisdement Officer, U.S. Dupartment of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FRES OR COMPLETED FORMS TO THIS ADDRESS. BEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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OCTOBER 25, 2001

MICHAEL J. CHERSKOV SUITE 1447 20 NORTH WACKER DRIVE CHICAGO, IL 60606

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RECORDATION DATE: 04/16/2001

REEL/FRAME: 011714/0280

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ZAKHARIEV, VLADIMIR M.

DOC DATE: 03/11/2001

RECEIVED

ASSIGNOR:

MIRZABEKOV, ANDREI

DOC DATE: 03/11/2001

OCT 0 6 2003

ASSIGNOR:

AKOWSKI, JAMES P.

DOC DATE: 04/04/2001

TECH CENTER 1600/2900

ASSIGNOR:

BAVYKIN, SERGEI G.

DOC DATE: 03/28/2001

ASSIGNEE:

CHICAGO, UNIVERSITY OF, THE 5801 SOUTH ELLIS AVENUE CHICAGO, ILLINOIS 60637

SERIAL NUMBER: 09751654

PATENT NUMBER:

FILING DATE: 12/29/2000

ISSUE DATE:

10-18-2001

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	PATENT	Patent and Trademark Of
Tab	ettings o co V	▼ ▼ ▼ ▼
$\sqrt{}$	To the Honorable Commissioner of Patents and Trademarks: P	lease record the attached original documents or copy thereof.
1. No	re of conveying party(ies): Vladimir M. Zakhariev Andrei Mirzabekov, James P. Akowski Sergei G. Bavykin	2. Name and address of receiving party(les) Name: The University of Chicago Internal Address:
Addiso	el neme(s) of conveying party(les) attached? ☐ Yes ☐ No	witternal Address:
3. Na	ture of conveyance:	
ł	Assignment Merger	Street Address: 5801 South Ellis Avenue
1	Security Agreement Change of Name Other	City: Chicago State: IL ZIP: 6063
1	ution Date:	Additional name(s) & address(es) attached? Q Yes Q No
	polication number(s) or patent number(s):	And the control of the Cliffs
^	Patent Application No.(s) 09/751,654	B. Patent No.(s) OCT 0 6 2003
11 1111	Additional numbers at	TECH CENTER 1600/2
5. N.	ame and address of party to whom correspondence coming document should be mailed:	6. Total number of applications and patents involved:
İ	ane. Michael J. Cherskov	7. Total fee (37 CFR 3.41)
. "	Mai Address. Surfee 1441	☐ Enclosed
_		Authorized to be charged to deposit account
S	treet Address: 20 North Wacker Drive	8. Deposit account number:
С	ity: Chicago State: IL ZIP: 60606	(Attach duplicate copy of this page if paying by deposit account)
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T	itatement and signature of the best of my knowledge and belief, the foregoing information original document.	mation is true and correct and any attached copy is a true cop
		(///////
	Michael J. Cherskov	// Chester April 13.2001

Commissioner of Petents & Trademarks, Box Assionments

ASSIGNMENT

We, Sergei G. Bavykin of Darien, Illinois, and James P. Akowski of Alexandria, Virginia, for good and valuable considerations to us in hand paid, the receipt and sufficiency whereof is hereby acknowledged, have sold, assigned, conveyed and set over, and do hereby sell, assign, convey and set over unto THE UNIVERSITY OF CHICAGO, an Illinois corporation, organized under the laws of the State of Illinois, having a place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, its successors and assigns, the entire right, title and interest in and to all subject matter invented or designed by us and disclosed in the patent application for the COLUMN DEVICE FOR ISOLATION AND LABELING OF NUCLEIC ACIDS, ANL Case No. ANL-IN-99-120, filed in the U.S. Patent and Trademark Office on December 29, 2000, and assigned serial No. 09/751,654, and any divisions and continuations thereof and in and to all Letters Patent of the United States, including any reissues, non-provisional patent applications, and extensions thereof that may be obtained therefor, and the right, where such right can be legally exercised, in its own name to apply for and obtain Letters Patent, Inventor's Certificates, Utility Models and Designs, in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as we could have done if the application had been in our names, and the entire interest in any Letters Patent, Inventor's Certificate, Utility Model or Design which may be granted on any such application in such foreign country; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent, Inventors Certificates, Utility Models or Designs, on applications as aforesaid, to issue any and all Letters Patent, Inventor's Certificates, Utility Models and Designs that may be granted for said invention to said UNIVERSITY OF CHICAGO, its successors and assigns.

And for the above-named considerations, we hereby agree that we will without additional compensation but without cost to ourselves, promptly communicate to said UNIVERSITY OF CHICAGO, its successors and assigns, any facts known to us respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications for Letters Patent, Inventor's Certificates, Utility Models and Designs and assignments thereof, make all rightful oaths and generally do everything possible to aid said assignee, its successors and assigns, as and when requested by them, in obtaining and enforcing proper Letters Patents, Inventor's Certificate, Utility Model and Design protection for said invention or inventions and improvements, in the United States and in all other countries.

	ithicklich rendall
Sergei G. (Bayvking Bavykin	Witness
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Date	Date
amer P. about	(Then Fin In
James P. Akowski	Witness
4/4/01	4/4/01
Date	Date

ASSIGNMENT

We, Vladimir M. Zakhariev of Moscow, Russia, and Andrei Mirzabekov of Darien, Illinois, for good and valuable considerations to us in hand paid, the receipt and sufficiency whereof is hereby acknowledged, have sold, assigned, conveyed and set over, and do hereby sell, assign, convey and set over unto THE UNIVERSITY OF CHICAGO, an Illinois corporation, organized under the laws of the State of Illinois, having a place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, its successors and assigns, the entire right, title and interest in and to all subject matter invented or designed by us and disclosed in the patent application for the COLUMN DEVICE FOR ISOLATION AND LABELING OF NUCLEIC ACIDS, ANL Case No. ANL-IN-99-120, filed in the U.S. Patent and Trademark Office on December 29, 2000, and assigned serial No. 09/751,654, and any divisions and continuations thereof and in and to all Letters Patent of the United States, including any reissues, non-provisional patent applications, and extensions thereof that may be obtained therefor, and the right, where such right can be legally exercised, in its own name to apply for and obtain Letters Patent, Inventor's Certificates, Utility Models and Designs, in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as we could have done if the application had been in our names, and the entire interest in any Letters Patent, Inventor's Certificate, Utility Model or Design which may be granted on any such application in such foreign country, and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent, Inventors Certificates, Utility Models or Designs, on applications as aforesaid, to issue any and all Letters Patent, Inventor's Certificates, Utility Models and Designs that may be granted for said invention to said UNIVERSITY OF CHICAGO, its successors and assigns.

And for the above-named considerations, we hereby agree that we will without additional compensation but without cost to ourselves, promptly communicate to said UNIVERSITY OF CHICAGO, its successors and assigns, any facts known to us respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications for Letters Patent, Inventor's Certificates, Utility Models and Designs and assignments thereof, make all rightful oaths and generally do everything possible to aid said assignee, its successors and assigns, as and when requested by them, in obtaining and enforcing proper Letters Patents, Inventor's Certificate, Utility Model and Design protection for said invention or inventions and improvements, in the United States and in all other countries.

V. Zakhad	Monkoa
Vladimir M. Zakhariev	Witness
93.11.2001	13.11.2001
Date	Date
And	Morale va
Andrei Mirzabekov	Witness
0)/11/2001	03.11.2001
Date	Date

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STATEMENT UNDER 37 CFR 3.73(b)
Applicant/Patent Owner: Bavykin, et al. Application No/Patent No.: 10/057,753 Flied/Issue Date: December 23, 2002 Entitled: METHOD FOR LABELING DNA AND RNA University of Chicago Patent No.: 10/057,753 Plied/Issue Date: December 23, 2002
Application No /Patent No.: 10/057,753 Filed/Issue Date: December 23, 2002
Endibot METHOD FOR LABELING DNA AND RNA
January Co
(Name of Assignee; Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
states that it is: 1. It the assignee of the entire right, title, and interest; or
2. In the patent application/patent identified above by virtue of either.
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OR
B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:
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2. From: To:
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[] Additional documents in the chain of title are listed on a supplemental sheet.
[y] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.
6
(773) 702-3204 Typed or printed name
Talephone number Asst. VP Strategic Res Init. Title

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011714/0280 PAGE 2

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JUNE 27, 2002

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RECORDATION DATE: 04/22/2002

REEL/FRAME: 012833/0544

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BAVYKIN, SERGEI

DOC DATE: 03/25/2002

ASSIGNOR:

MIRZABEKOV, ANDREI

DOC DATE: 03/26/2002

ASSIGNEE:

CHICAGO, UNIVERSITY OF, THE 5801 SOUTH ELLIS AVENUE CHICAGO, ILLINOIS 60637

SERIAL NUMBER: 10057753

PATENT NUMBER:

FILING DATE: 01/23/2002

ISSUE DATE:

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FINANCE SECTION

05-01-2002



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To the Honorable Commissioner of Patents and Trademarks: P	Please record the attached original documents or copy thereof.
*Name of conveying party(ies): Sergei Bavykin Andrei Mirzabekov #22.02	Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies) Name: The University of Chicago Internal Address:
ditional name(s) of conveying party(ies) attached? ☐ Yes 🛣 No Nature of conveyance:	
X2 Assignment	Street Address: 5801 South Ellis Avenue
□ Security Agreement □ Change of Name	
Other	City: Chicago: State: II ZIP:60637
Execution Date: March 25/26, 2002	Additional name(s) & address(ee) attached? ☐ Yes 🂢 No
If this document is being filed together with a new application A. Patent Application No.(s)	on, the execution date of the application is: B. Patent No.(s)
10/057,753	
Additional numbers a	aftached? □ Yes ૦੯ૂ No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name:Cherskov & Flaynik	7. Total fee (37 CFR 3.41)\$ \$40.00
Internal Address: Suite 1447	C) Enclosed
	☐ Authorized to be charged to deposit account
Street Address: 20 North Wacker Drive	8. Deposit account number:
City: Chi cago State: I' ZIP 60606	(Attach duplicate copy of this page if paying by deposit account)
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Michael U. Chenskov Name of Person Signing	Signature Date Date

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05/01/2002 TDIAZ1

00000002 10057753

Washington, D.C. 20231

ASSIGNMENT

We, Sergei Bavykin of Darien, Illinois, and Andrei Mirzabekov of Moscow, Russia, for good and valuable considerations to us in hand paid, the receipt and sufficiency whereof is hereby acknowledged, have sold, assigned, conveyed and set over, and do hereby sell, assign, convey and set over unto THE UNIVERSITY OF CHICAGO, an Illinois corporation, organized under the laws of the State of Illinois, having a place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, its successors and assigns, the entire right, title and interest in and to all subject matter invented or designed by us and disclosed in the patent application for the METHOD FOR LABELING DNA AND RNA, ANL Case No. ANL-IN-98-093, filed on January 23, 2002, Application Serial No. 10/057,753, which claimed the benefit of U.S. Provisional Application Serial No. 60/263,840, filed on January 23, 2001, and any divisions and continuations thereof and in and to all Letters Patent of the United States, including any reissues and extensions thereof that may be obtained therefor, and the right, where such right can be legally exercised, in its own name to apply for and obtain Letters Patent, Inventor's Certificates, Utility Models and Designs, in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as we could have done if the application had been in our names, and the entire interest in any Letters Patent, Inventor's Certificate, Utility Model or Design which may be granted on any such application in such foreign country; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent, Inventors Certificates, Utility Models or Designs, on applications as aforesaid, to issue any and all Letters Patent, Inventor's Certificates, Utility Models and Designs that may be granted for said invention to said UNIVERSITY OF CHICAGO, its successors and assigns.

And for the above-named considerations, we hereby agree that we will without additional compensation but without cost to ourselves, promptly communicate to said UNIVERSITY OF CHICAGO, its successors and assigns, any facts known to us respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications for Letters Patent, Inventor's Certificates, Utility Models and Designs and assignments thereof, make all rightful oaths and generally do everything possible to aid said assignee, its successors and assigns, as and when requested by them, in obtaining and enforcing proper Letters Patents, Inventor's Certificate, Utility Model and Design protection for said invention or inventions and improvements, in the United States and in all other countries.

gul	Mar 1/21	2002 Junher Clesson	3/25/02
Andrei D. Mirzabekov	Date	Witness	Date
And the second	3-26-02		
Sergei Bavykin	Date	Witness	Date